

ABSTRACT

In the optical multi-branch communication system, a parent device (1) and a plurality of daughter devices (2-1 to 2-n) having a redundant construction are connected to each other through a current system optical network and a preliminary system optical network. There are further provided a delay controlling unit which controls each delay amount on the current-system optical network and the preliminary system optical network, and a selection switching control unit which, if one of the daughter devices on the current-system optical network and the preliminary system optical network fails, switches the daughter devices (2-1 to 2-n) to another optical network that is working normally.